

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 July 2003 (24.07.2003)

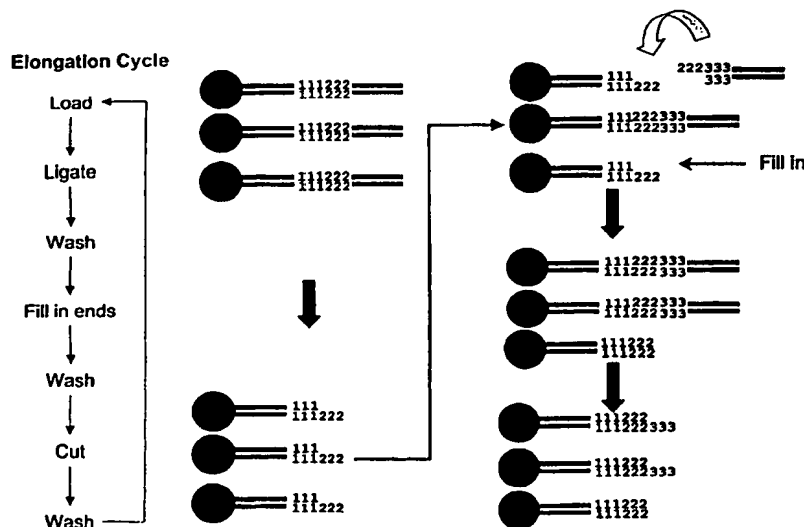
PCT

(10) International Publication Number
WO 03/060084 A2

- (51) International Patent Classification⁷: C12N
- (21) International Application Number: PCT/US03/01189
- (22) International Filing Date: 14 January 2003 (14.01.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/348,609 14 January 2002 (14.01.2002) US
60/348,761 14 January 2002 (14.01.2002) US
60/348,764 14 January 2002 (14.01.2002) US
10/077,474 14 February 2002 (14.02.2002) US
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHODS FOR MAKING POLYNUCLEOTIDES AND PURIFYING DOUBLE-STRANDED POLYNU-
CLEOTIDES



(57) Abstract: The invention provides methods for identifying and purifying double-stranded polynucleotides lacking base pair mismatches, insertion/deletion loops and/or nucleotide gaps. The invention provides libraries of nucleic acid building blocks and methods for generating any nucleic acid sequence, including synthetic genes, antisense constructs and polypeptide coding sequences. The invention provides chimeric antigen binding molecules and the nucleic acids that encode them.

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